

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
 Data File : BF129141.D
 Acq On : 06 Jul 2022 14:09
 Operator : CG\JU
 Sample : PB146035BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146035BL

Quant Time: Jul 06 14:43:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

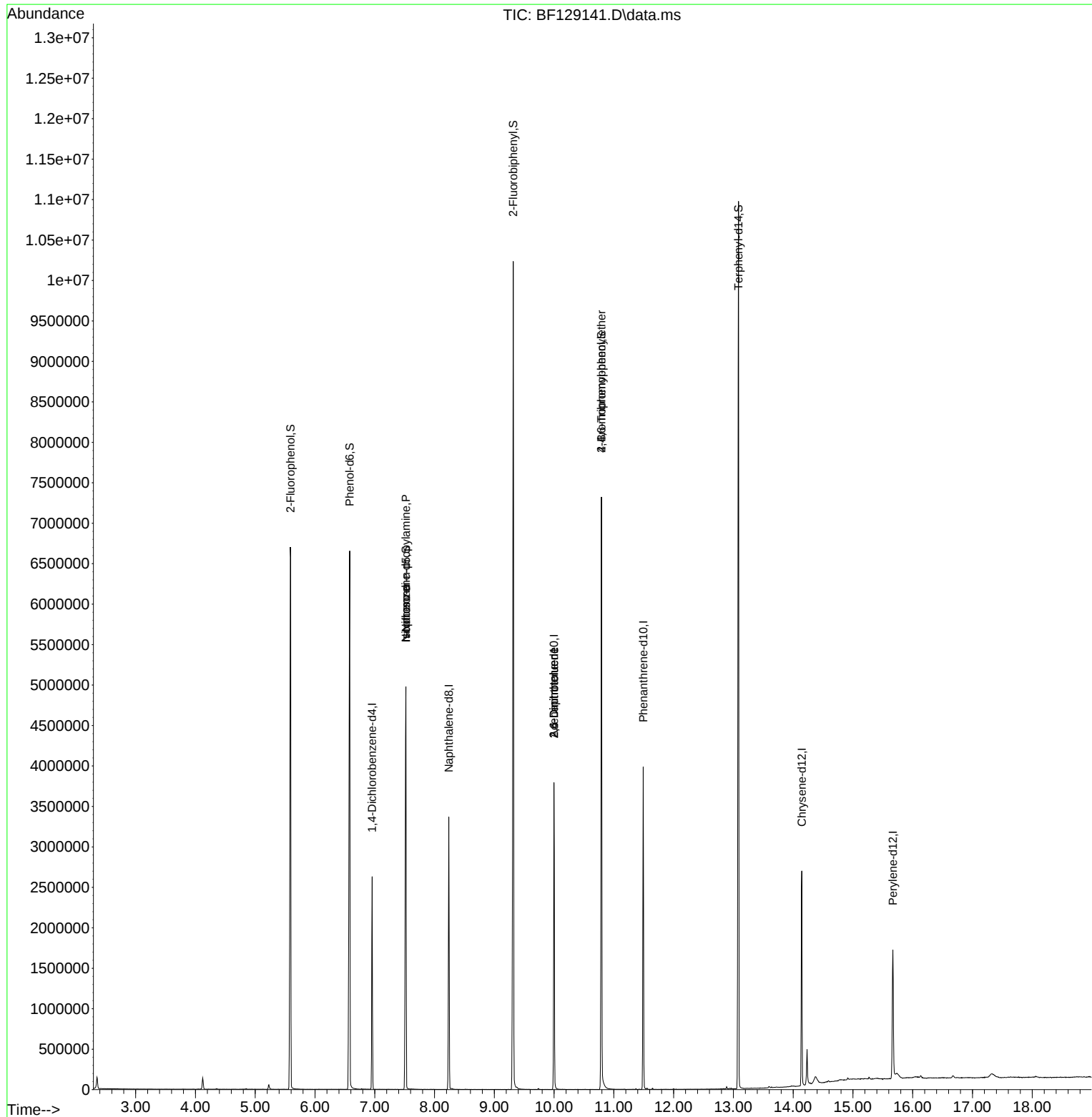
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	375777	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1479390	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	783549	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1376780	20.000	ng	# 0.00
76) Chrysene-d12	14.145	240	930039	20.000	ng	0.00
86) Perylene-d12	15.668	264	790758	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	2196945	98.841	ng	0.00
7) Phenol-d6	6.581	99	2771403	100.394	ng	0.00
23) Nitrobenzene-d5	7.522	82	1801361	72.628	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	1019365	119.645	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	3505593	71.574	ng	0.00
79) Terphenyl-d14	13.086	244	3952400	88.251	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.581	77	4798	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.522	70	236010	14.779	ng	# 70
25) Isophorone	7.522	82	1753721	41.837	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	103119	10.295	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	103227	8.348	ng	# 21
67) 4-Bromophenyl-phenylether	10.792	248	59912	4.091	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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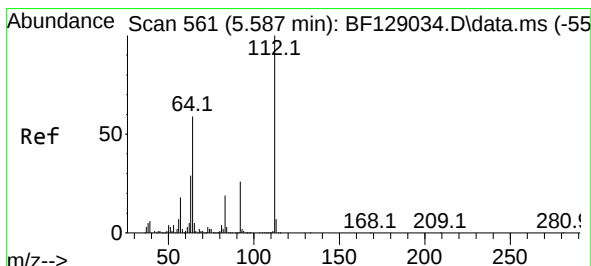
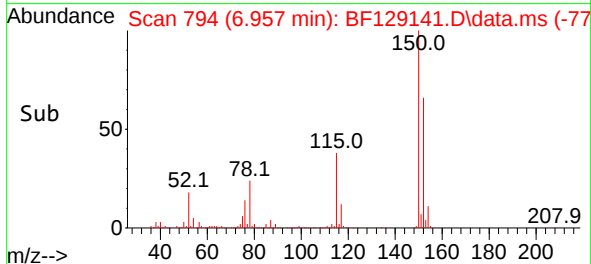
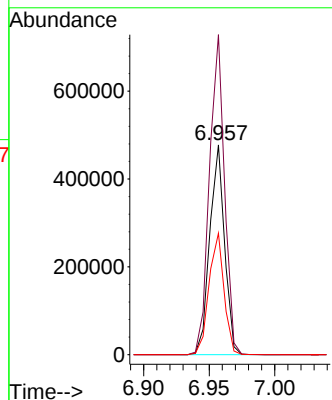
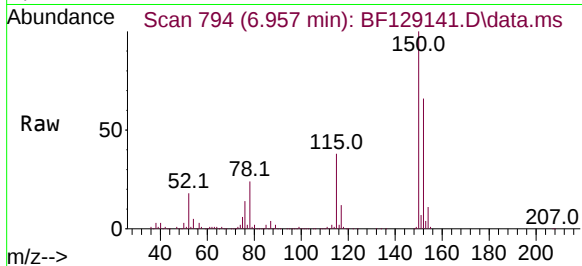




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129141.D
Acq: 06 Jul 2022 14:09

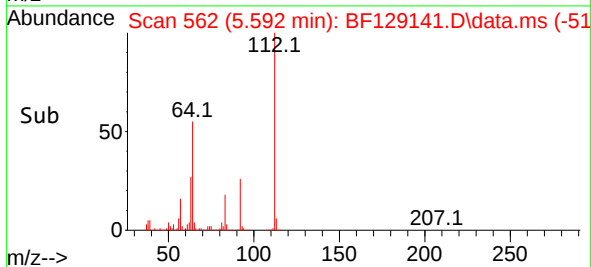
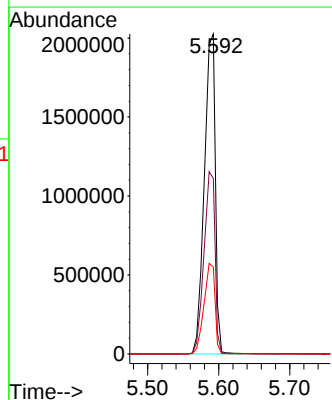
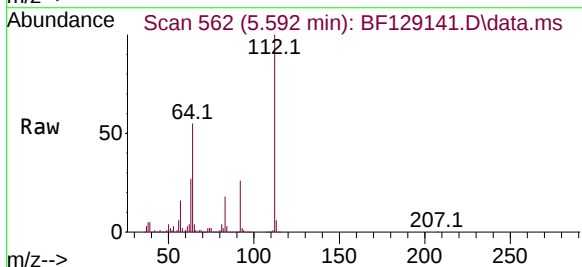
Instrument :
BNA_F
ClientSampleId :
PB146035BL

Tgt Ion:152 Resp: 375777
Ion Ratio Lower Upper
152 100
150 152.5 123.7 185.5
115 57.9 49.9 74.9



#5
2-Fluorophenol
Concen: 98.841 ng
RT: 5.592 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF129141.D
Acq: 06 Jul 2022 14:09

Tgt Ion:112 Resp: 2196945
Ion Ratio Lower Upper
112 100
64 54.9 53.3 79.9
63 27.1 28.0 42.0#

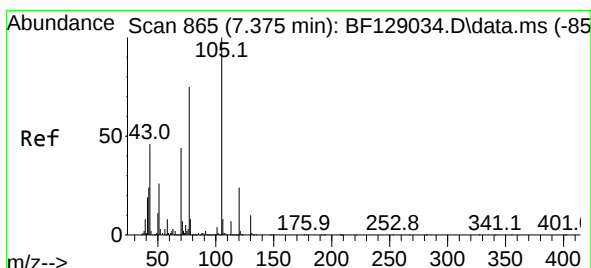
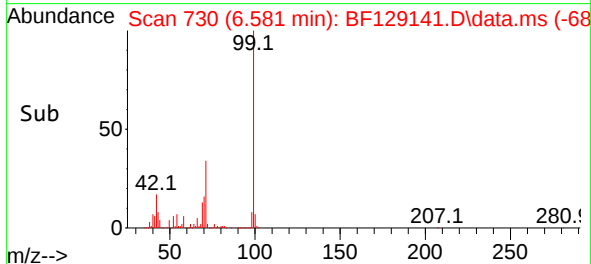
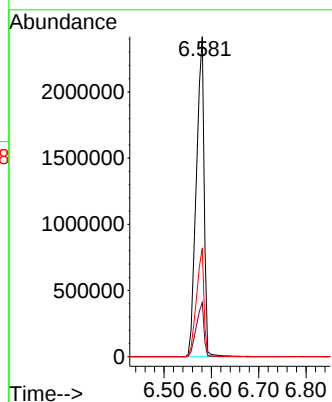
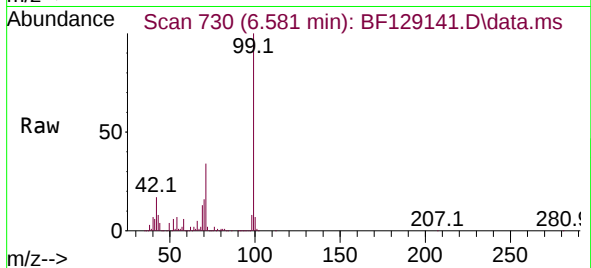




#7
Phenol-d6
Concen: 100.394 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129141.D
Acq: 06 Jul 2022 14:09

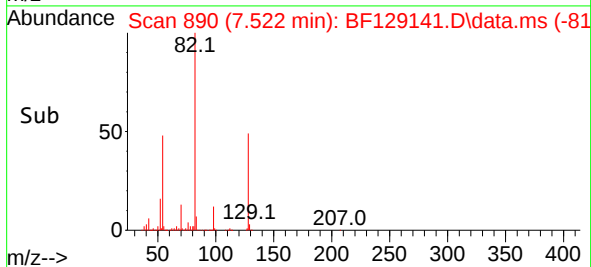
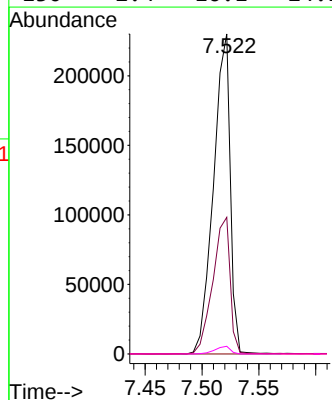
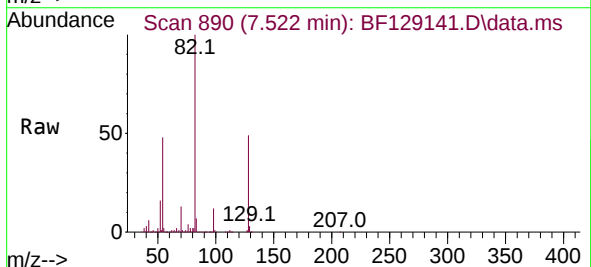
Instrument :
BNA_F
ClientSampleId :
PB146035BL

Tgt Ion: 99 Resp: 2771403
Ion Ratio Lower Upper
99 100
42 16.9 17.3 25.9#
71 33.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.779 ng
RT: 7.522 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF129141.D
Acq: 06 Jul 2022 14:09

Tgt Ion: 70 Resp: 236010
Ion Ratio Lower Upper
70 100
42 42.7 52.3 78.5#
101 0.0 7.5 11.3#
130 2.4 16.1 24.1#

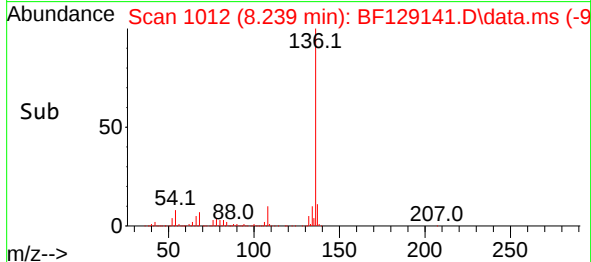
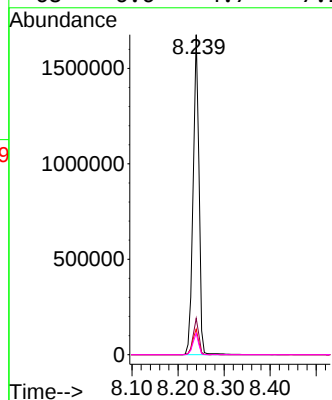
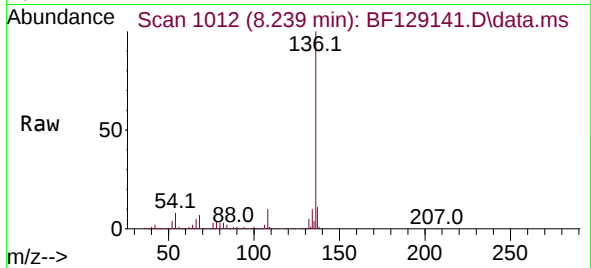




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129141.D
Acq: 06 Jul 2022 14:09

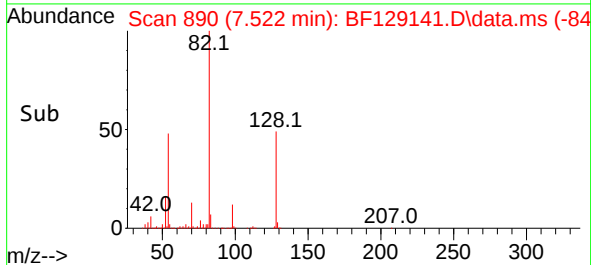
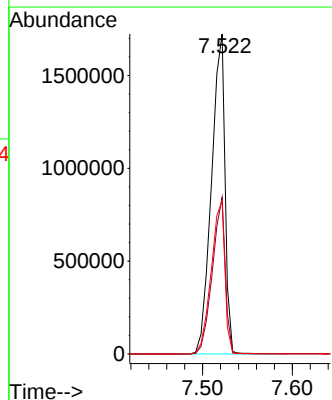
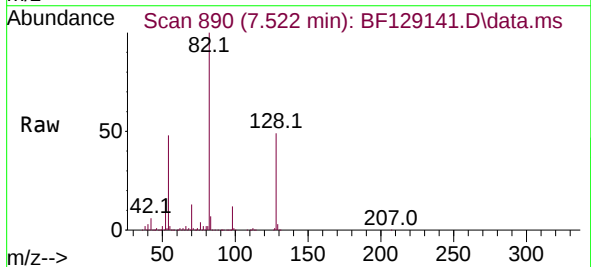
Instrument :
BNA_F
ClientSampleId :
PB146035BL

Tgt Ion:136 Resp: 1479390
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.0 7.5 11.3
68 6.6 4.7 7.1



#23
Nitrobenzene-d5
Concen: 72.628 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF129141.D
Acq: 06 Jul 2022 14:09

Tgt Ion: 82 Resp: 1801361
Ion Ratio Lower Upper
82 100
128 49.0 34.0 51.0
54 47.9 46.9 70.3

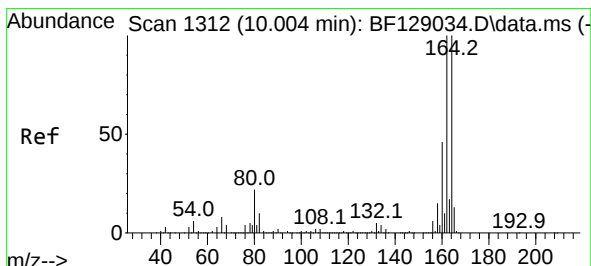
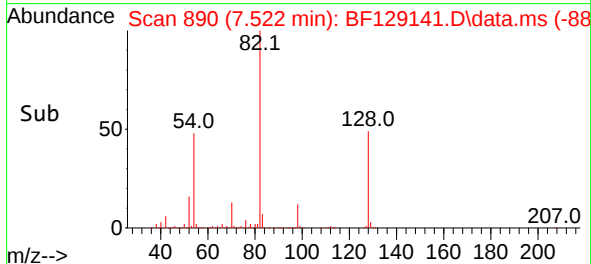
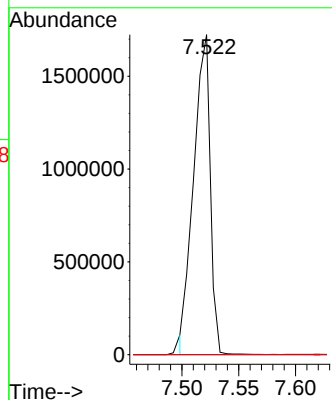
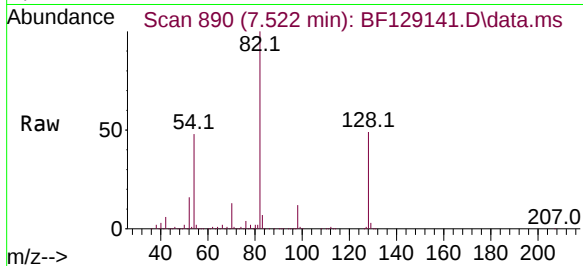




#25
Isophorone
Concen: 41.837 ng
RT: 7.522 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF129141.D
Acq: 06 Jul 2022 14:09

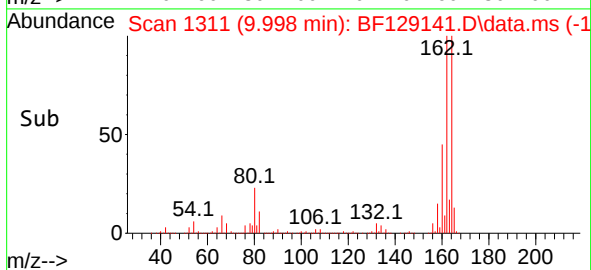
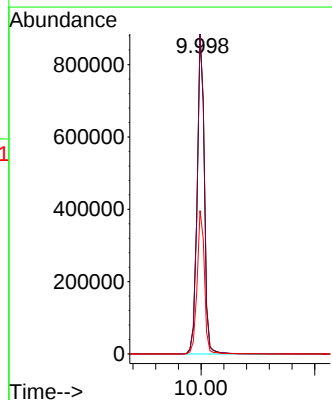
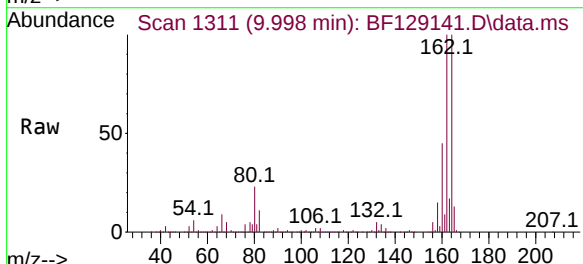
Instrument :
BNA_F
ClientSampleId :
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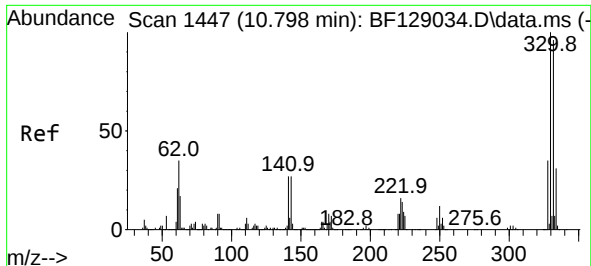
Tgt Ion: 82 Resp: 1753721
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129141.D
Acq: 06 Jul 2022 14:09

Tgt Ion:164 Resp: 783549
Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 44.8 34.2 51.4

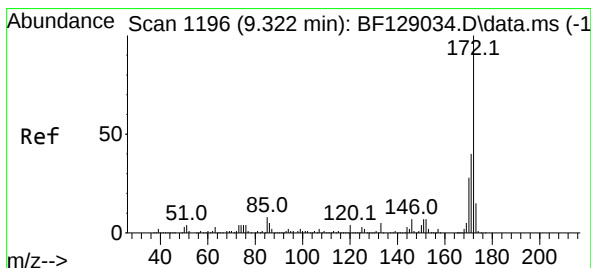
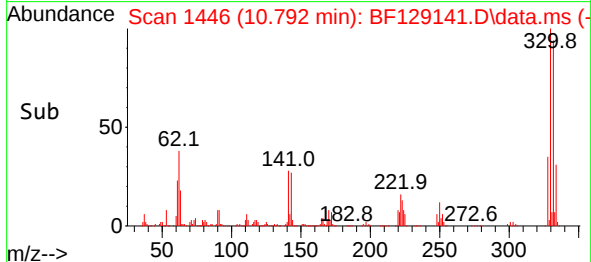
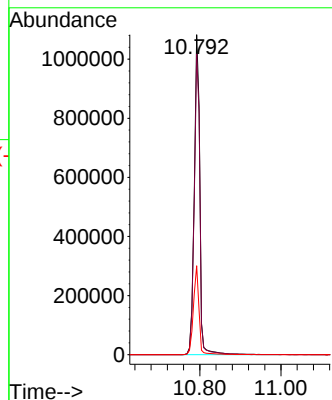
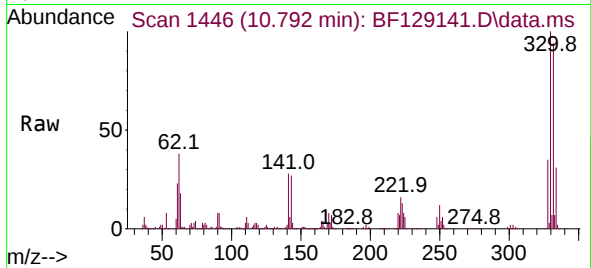




#42
2,4,6-Tribromophenol
Concen: 119.645 ng
RT: 10.792 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF129141.D
Acq: 06 Jul 2022 14:09

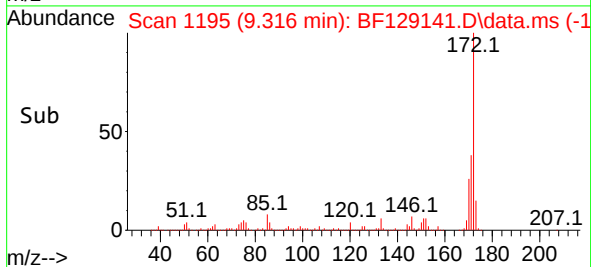
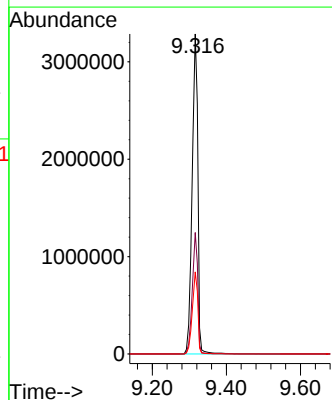
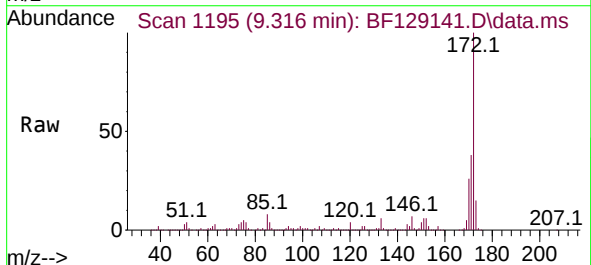
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BNA_F
ClientSampleId :
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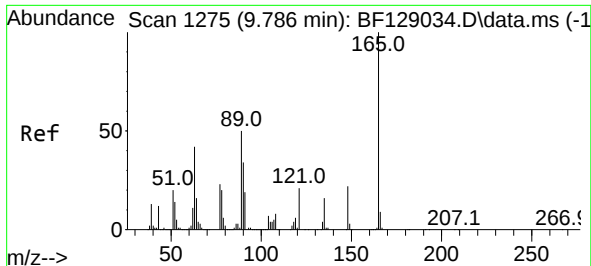
Tgt Ion: 330 Resp: 1019365
Ion Ratio Lower Upper
330 100
332 95.6 76.8 115.2
141 27.9 28.0 42.0#



#45
2-Fluorobiphenyl
Concen: 71.574 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129141.D
Acq: 06 Jul 2022 14:09

Tgt Ion: 172 Resp: 3505593
Ion Ratio Lower Upper
172 100
171 37.9 28.8 43.2
170 25.6 19.8 29.8

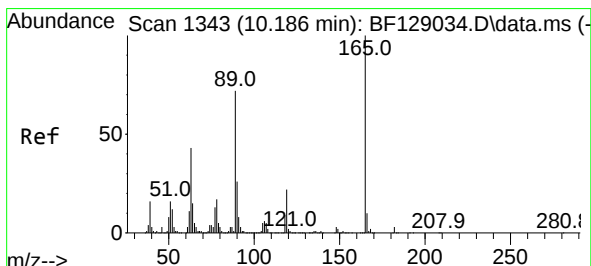
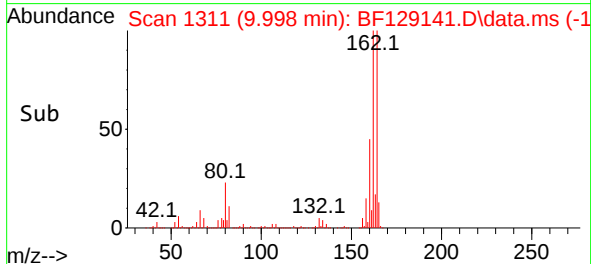
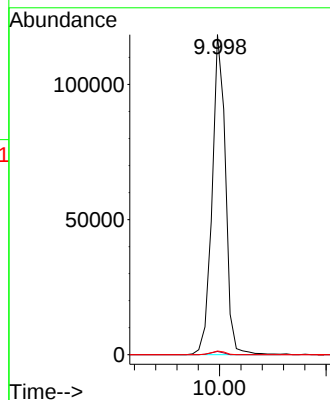
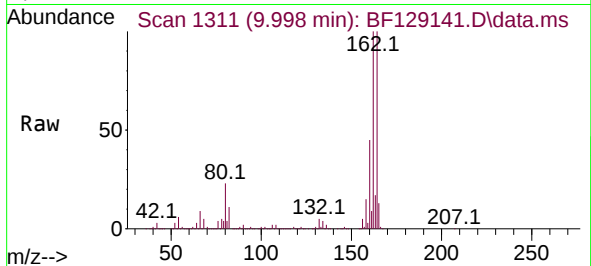




#51
2,6-Dinitrotoluene
Concen: 10.295 ng
RT: 9.998 min Scan# 111
Delta R.T. 0.212 min
Lab File: BF129141.D
Acq: 06 Jul 2022 14:09

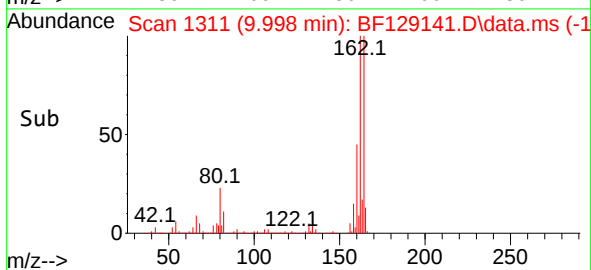
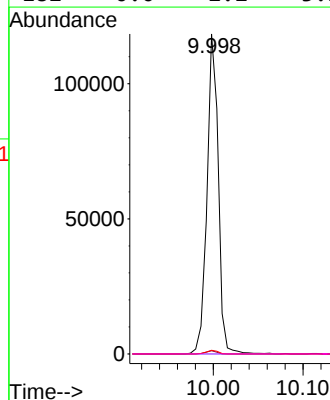
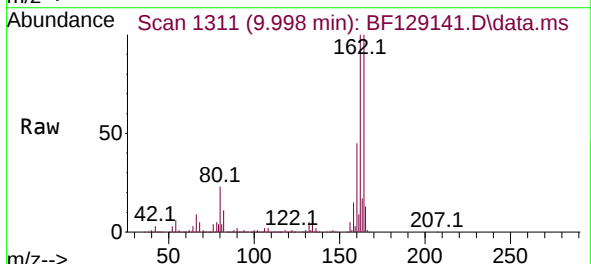
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BNA_F
ClientSampleId :
PB146035BL

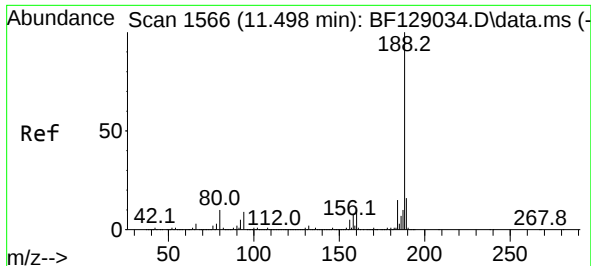
Tgt Ion:165 Resp: 103119
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.2 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.348 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.188 min
Lab File: BF129141.D
Acq: 06 Jul 2022 14:09

Tgt Ion:165 Resp: 103227
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#

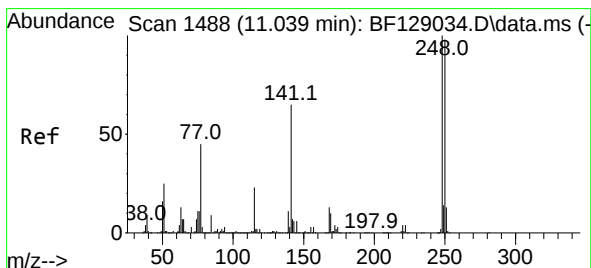
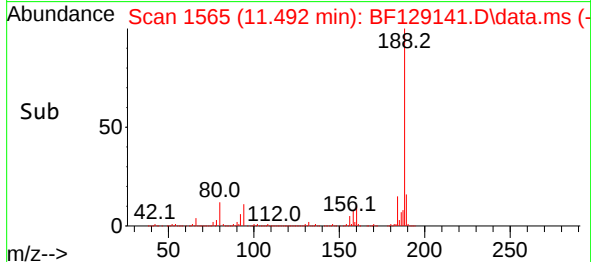
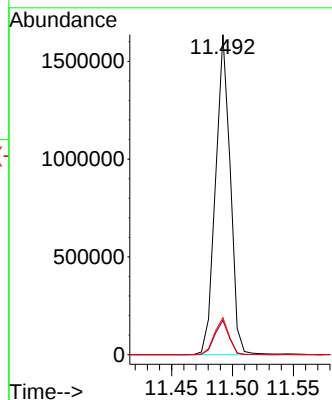
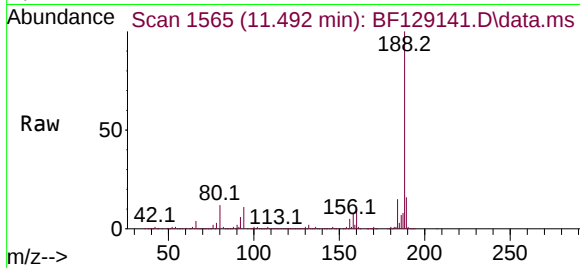




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129141.D
Acq: 06 Jul 2022 14:09

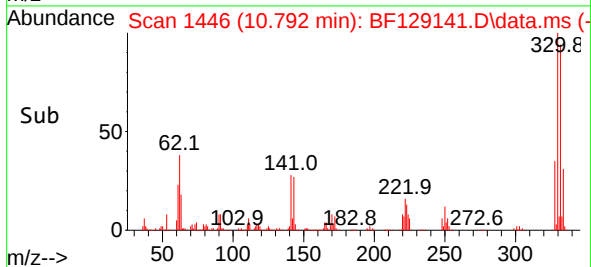
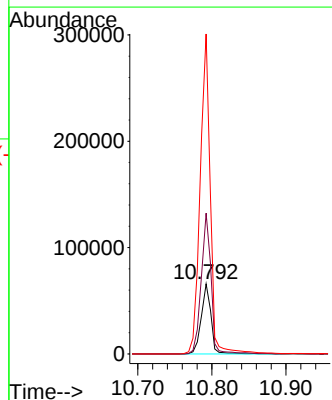
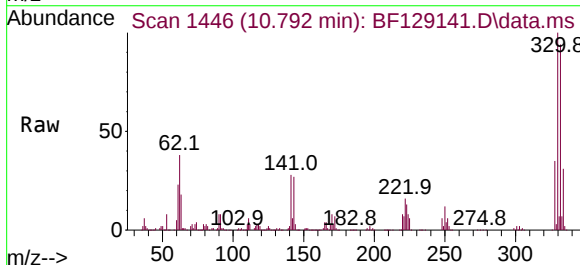
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ClientSampleId :
PB146035BL

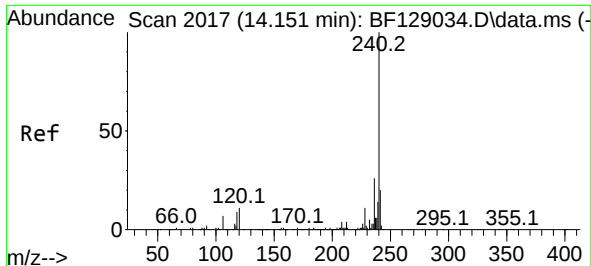
Tgt Ion:188 Resp: 1376780
Ion Ratio Lower Upper
188 100
94 10.7 7.0 10.6#
80 11.5 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 4.091 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.247 min
Lab File: BF129141.D
Acq: 06 Jul 2022 14:09

Tgt Ion:248 Resp: 59912
Ion Ratio Lower Upper
248 100
250 200.9 80.6 120.8#
141 456.5 58.9 88.3#

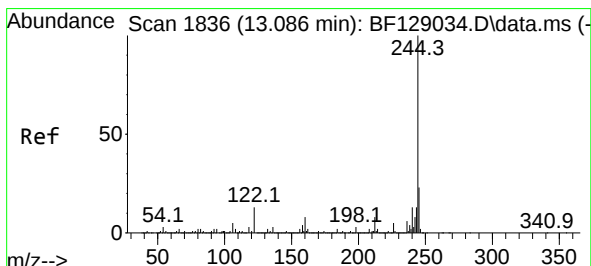
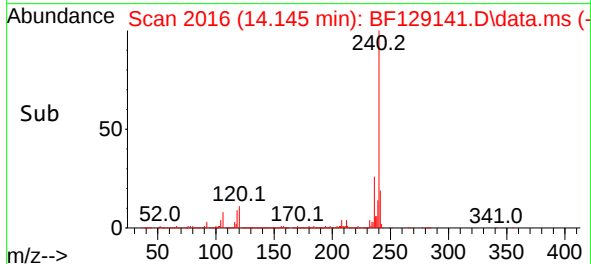
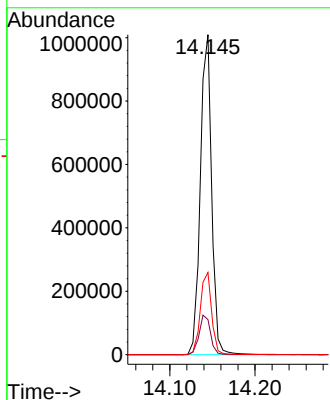
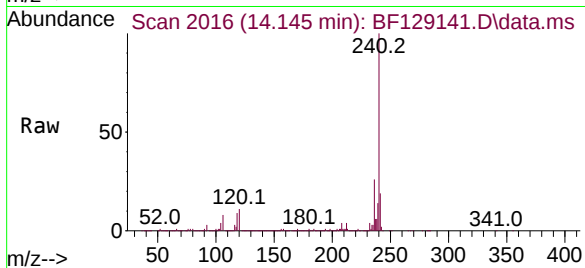




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF129141.D
Acq: 06 Jul 2022 14:09

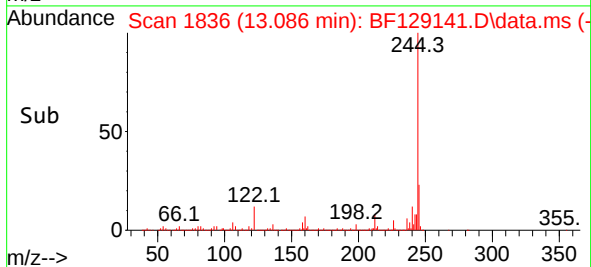
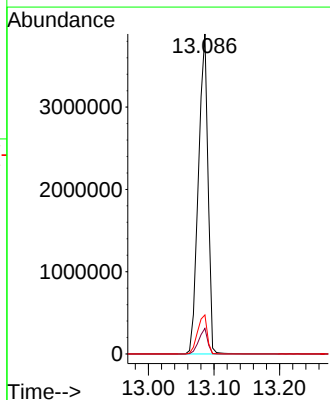
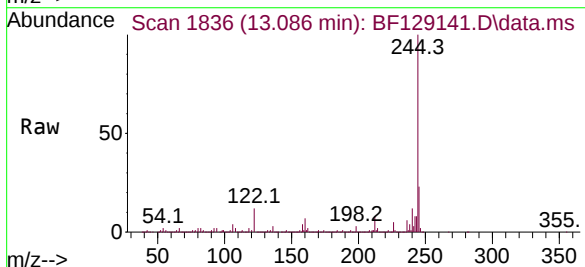
Instrument :
BNA_F
ClientSampleId :
PB146035BL

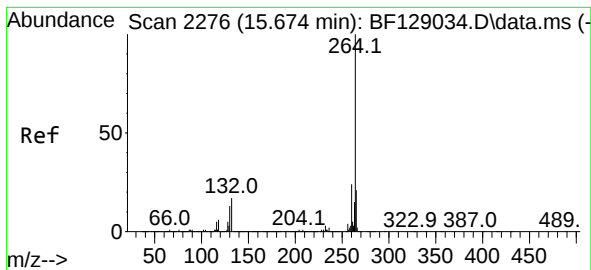
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Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.7 20.8 31.2



#79
Terphenyl-d14
Concen: 88.251 ng
RT: 13.086 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BF129141.D
Acq: 06 Jul 2022 14:09

Tgt Ion:244 Resp: 3952400
Ion Ratio Lower Upper
244 100
212 8.0 6.1 9.1
122 12.2 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.668 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF129141.D
 Acq: 06 Jul 2022 14:09

Instrument :
 BNA_F
 ClientSampleId :
 PB146035BL

Tgt Ion:264 Resp: 790758
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 21.1 17.2 25.8

